

1K . 7PC ✓

Docket No. F-8636

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Kazuhiro WATANABE, et al.  
Serial No. : 10/529,941 (U.S. Patent No. 7,384,241)  
Filed : April 1, 2005  
For : FAN WITH RING AND METHOD FOR  
MANUFACTURING SAME  
Group Art Unit : 3745  
Examiner : Devin J. Hanan  
Confirmation No. : 8050  
Customer No. : 000028107  
Allowance Date : February 7, 2008

Certificate of Mailing Under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450 on August 25, 2008

Ricardo Unikel  
(Name)

*Ricardo Unikel*  
(Signature)

**MAIL STOP PETITIONS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PETITION UNDER 37 C.F.R. § 3.81**

08/27/2008 MGE BREM1 00000015 7384241

01 FC:1464

130.00 OP

Sir:

Applicants hereby petition that issuance of U.S. Patent No. 7,384,241 be made to the Assignee. Currently, the Assignee listed on the published patent is Toyo Radiator Co., Ltd. However, the correct assignee is T. RAD Co., Ltd.

37 C.F.R. § 3.81(b) requires the following:

- (1) A statement that the assignment was submitted for recordation as set forth in 37 C.F.R. § 3.11 before issuance of the patent;
- (2) A Request for Certificate of Correction Under 37 C.F.R. § 1.323 (with the fee set forth in 37 C.F.R. § 1.20(a)); and
- (3) The processing fee set forth in 37 C.F.R. § 1.17(i).

Regarding (1), when the Issue Fee was paid, Toyo Radiator Co., Ltd. was inadvertently identified as the assignee. The attached copies of two Notice of Recordation of Assignment Documents demonstrate that an assignment to T. RAD Co., Ltd. was submitted for recordation before the payment of the issue fee.

Regarding (2), the Request for Certificate of Correction Under 37 C.F.R. § 1.323 is attached herewith with the appropriate fee.

Regarding (3), the processing fee set forth in 37 C.F.R. § 1.17(i) is included herewith.

Accordingly, all the requirements of 37 C.F.R. § 3.81(b) have been met and Applicants respectfully request that issuance of U.S. Patent No. 7,384,241 be made to the Assignee, namely, T.RAD Co., Ltd., and that a Certificate of Correction be issued in this regard.

**The fee of \$130.00 for the petition is provided for in the charge authorization presented in the PTO Form 2038, Credit Card Payment form, provided herewith.**

If there is any discrepancy between the fee(s) due and the fee payment authorized in the Credit Card Payment Form PTO-2038 or the Form PTO-2038 is missing or fee payment via the Form PTO-2038 cannot be processed, the USPTO is

hereby authorized to charge any fee(s) or fee(s) deficiency or credit any excess payment to Deposit Account No. 10-1250.

Respectfully submitted,

Jordan and Hamburg LLP

By C. Bruce Hamburg  
C. Bruce Hamburg  
Reg. No. 22,389  
Attorney for Applicants

Bx and,

By Ricardo Unikel  
Ricardo Unikel  
Reg. No. 52,309  
Attorney for Applicants

Jordan and Hamburg LLP  
122 East 42nd Street  
New York, New York 10168  
(212) 986-2340

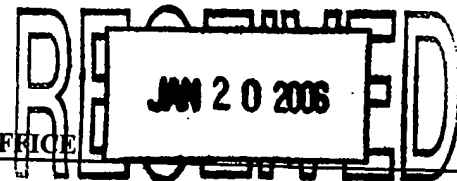
Enc. Copies of two Notice of Recordation of Assignment Documents  
Request for Certificate of Correction Under 37 C.F.R. § 1.323  
Credit Card Payment Form PTO-2038



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

LAW OFFICES OF  
JORDAN AND HAMBURG LLP



122 EAST 42ND STREET  
NEW YORK, NY 10168

JANUARY 09, 2006

PTAS

C. BRUCE HAMBURG, ESQ.  
JORDAN AND HAMBURG LLP  
CHANIN BUILDING, SUITE 4000  
122 EAST 42ND STREET  
NEW YORK, NEW YORK 10168



\*103084116A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 09/15/2005

REEL/FRAME: 016989/0696  
NUMBER OF PAGES: 4

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

TOYO RADIATOR CO., LTD.

DOC DATE: 04/01/2005

ASSIGNEE:

T.RAD CO., LTD.  
25-3, YOYOGI 3-CHOME  
SHIBUYA-KU, TOKYO, 151-0053, JAPAN

SERIAL NUMBER: 10521819  
PATENT NUMBER:  
TITLE: HEAT EXCHANGER

FILING DATE:  
ISSUE DATE:

SERIAL NUMBER: 10526331  
PATENT NUMBER:  
TITLE: EGR COOLER

FILING DATE: 02/28/2005  
ISSUE DATE:

016989/0696 PAGE 2

SERIAL NUMBER: 10529941

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: FAN WITH RING AND METHOD FOR MANUFACTURING SAME

SERIAL NUMBER: 10531715

FILING DATE: 04/18/2005

PATENT NUMBER:

ISSUE DATE:

TITLE: AUTOOXIDATION INTERNAL HEATING TYPE STEAM REFORMING SYSTEM

SERIAL NUMBER: 10179830

FILING DATE: 06/25/2002

PATENT NUMBER:

ISSUE DATE:

TITLE: HEAT EXCHANGER TANK-PIPE CONNECTION STRUCTURE

MARGARET LASALLE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECORD/  
P/

09-19-2005

AUG 27 2008

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
F-8560, F- 8602, F-8636,  
F-8643, F-7458

To the Director of the U.S. Patent

Original documents or copy thereof.

## 1. Name of conveying party(ies):

1. Toyo Radiator Co., Ltd.

Additional name(s) of conveying party(ies) attached? Yes ☐ No ☒

## 3. Nature of conveyance/Execution Date(s):

Execution Date(s) 1. April 1, 2005

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☒ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

103084116

Address of receiving party(ies):

Name: T.RAD Co., Ltd.

Internal Address:

Street Address: 25-3, Yoyogi 3-chome  
Shibuya-ku, Tokyo, 151-0053, JapanAdditional name(s) & address(es) attached? ☐ Yes ☒ No

I hereby certify that this correspondence is being deposited with the  
United States Postal Services as First Class Mail in an envelope  
addressed to: Director of the U.S. Patents & Trademarks Office,  
Mail Stop Assignment Recordation Services, P.O. Box 1450,  
Alexandria, VA 22313-1450 on September 12, 2005

Dated: 9/12/2005C. Bruce Hamburg  
22,3894. Application or patent number(s): ☐ This document is being filed together with a new application

## A. Patent Application No.(s)

10/521,819  
10/526,331  
10/529,941  
10/531,715  
10/179,830

## B. Patent No.(s)

OPR/FILED

Additional numbers attached ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: C. Bruce Hamburg, Esq.Internal Address: Jordan and Hamburg LLPChanin BuildingSuite 4000Street Address: 122 East 42nd StreetCity: New York State: New York Zip: 10168Phone Number: (212) 986-2340Fax Number: (212) 953-7733Email Address: landh@lpattomeys.com

## 6. Total number of applications and patents involved:

5

7. Total fee (37 CFR 1.21(h) & 3.41).....\$200.00

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

## 8. Payment Information

a. Credit Card Last 4 Numbers 1025

b. Deposit Account Number

Authorized User Name C. Bruce Hamburg

DO NOT USE THIS SPACE

## 9. Statement and signature.

C. Bruce Hamburg, Esq.

09/16/2005 DPT/RE 00000389 10521819

01 FC:8021

200.00 OP

Total number of pages including cover sheet, attachments, and documents:

4

September 12, 2005

Date

Signature

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

## VERIFICATION OF TRANSLATION

I, Akira Kubota of 1-35 Negishi 1-chome, Taito-ku Tokyo do hereby state that I am a translator competent in the Japanese and English languages and that to the best of my knowledge and belief, the attached document is an accurate and complete translation of the Extract from the Commercial Register of T.RAD Co., Ltd. .

Signature Akira Kubota

Date Jun. 10. 2005



## Certificate of Partial Current Records

T.RAD Co., Ltd.

Company number 0110-01-015719

25-3 Yoyogi 3-chome, Shibuya-ku, Tokyo

Trade name	<u>Toyo Radiator Co., Ltd.</u>	
	T.RAD Co., Ltd.	Changed April 1, 2005
		Registered April 1, 2005
Location of head office	<u>31-2 Sakuraoka-cho, Shibuya-ku, Tokyo</u>	
	25-3 Yoyogi 3-chome, Shibuya-ku, Tokyo	Moved February 26, 1994
Method of public notice	The statement is executed by publication in <i>Nihon Keizai Shimbun</i> issued in Tokyo.	
Matters necessary for obtaining information relating to the balance sheet	<a href="http://www.trad.co.jp/">http://www.trad.co.jp/</a>	Established April 25, 2003
		Registered May 28, 2003
Date of incorporation	October 31, 1936	

This is certify that the above are partial matters recorded on the register that are currently effective.

April 26, 2005

Tokyo Legal Affairs Bureau

Shibuya Branch Office

Registrar Masayuki Saito



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 08, 2006

PTAS

C. BRUCE HAMBURG, ESQ.  
JORDAN AND HAMBURG LLP  
CHANIN BUILDING, SUITE 4000  
122 EAST 42ND STREET  
NEW YORK, NEW YORK 10168

LAW OFFICES OF  
JORDAN AND HAMBURG LLP

AUG 14 2006

122 EAST 42nd STREET  
NEW YORK, NY 10168

\*103272375A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 04/01/2005

REEL/FRAME: 018072/0502  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
WATANABE, KAZUHIRO

DOC DATE: 03/10/2005

ASSIGNOR:  
KAWABE, TAKAHIRO

DOC DATE: 03/10/2005

ASSIGNEE:  
TOYO RADIATOR CO., LTD.  
25-3, YOYOGI 3-CHOME  
SHIBUYA-KU, TOKYO, 151-0053, JAPAN

SERIAL NUMBER: 10529941

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: FAN WITH RING AND METHOD FOR MANUFACTURING SAME

018072/0502 PAGE 2

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

RE

07-11-2006



103272375

AUG 27 2008

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
F-8636

10/529941

APR 2005

To the Director of the

Attached original documents or copy thereof.

1. Name of conveying party(ies):

- 1. Kazuhiro WATANABE
- 2. Takahiro KAWABE

Additional name(s) of conveying party(ies) attached? Yes ☐ No ☒

2. Name and address of receiving party(ies):

Name: Toyo Radiator Co., Ltd.

Internal Address:

Street Address: 25-3, Yoyogi 3-chome

Shibuya-ku, Tokyo, 151-0053, Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 1. March 10, 2005 2. March 10, 2005

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Joint Research Agreement
- ☐ Government Interest Assignment
- ☐ Executive Order 9424, Confirmatory License
- ☐ Other

4. Application or patent number(s): ☐ This document is being filed together with a new application

A. Patent Application No.(s)

B. Patent No.(s)

10/529941

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: C. Bruce Hamburg, Esq.

Internal Address: Jordan and Hamburg LLP

Chanin Building

Suite 4000

Street Address: 122 East 42nd Street

City: New York State: New York Zip: 10168

Phone Number: (212) 986-2340

Fax Number: (212) 953-7733

Email Address: iandh@ipattorneys.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41).....\$40.00

☒ Authorized to be charged by credit card

☐ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1025

Expiration Date December 2007

b. Deposit Account Number

Authorized User Name: C. Bruce Hamburg, Esq.

DO NOT USE THIS SPACE

9. Statement and signature.

C. Bruce Hamburg, Esq.  
Name of Person Signing

Signature

Date

April 1, 2005

Total number of pages including cover sheet, attachments, and documents: 3

db form

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

U.S. National Stage Application

ASSIGNMENT

For value received, I/we, \_\_\_\_\_

Kazuhiro Watanabe of 297, Gochi-cho, Yokaichi-shi, Shiga 527-8508 Japan,

Takahiro Kawabe of 297, Gochi-cho, Yokaichi-shi, Shiga 527-8508 Japan,

hereby sell, assign, and transfer to Toyo Radiator Co., Ltd.

a corporation existing under the laws of Japan

located at 25-3, Yoyogi 3-chome, Shibuya-ku, Tokyo 151-0053 Japan

and its successors, assigns, and legal representatives, the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to

FAN WITH RING AND METHOD FOR MANUFACTURING SAME

described in an application for Letters Patent Cooperation Treaty International Application No.

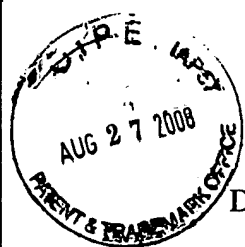
PCT/JP2003/012705 filed 2 October 2003 of which this application is entry into the U.S.A. National Stage, and which is described in an application for Letters Patent in the United States, executed by me/us on this date, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that I/we have full right so to do, and agree that I/we will communicate to said Company or its representatives any facts known to me/us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

Signature Kazuhiro Watanabe Date March 10, 2005

Signature Takahiro Kawabe Date March 10, 2005

Signature Kazuhiro Watanabe Date \_\_\_\_\_

Signature Takahiro Kawabe Date \_\_\_\_\_



Docket No. F-8636

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Kazuhiro WATANABE, et al.  
Patent No. : 7,384,241  
Issued : June 10, 2008  
Serial No. : 10/529,941  
Filed : April 1, 2005  
For : FAN WITH RING AND METHOD FOR MANUFACTURING  
SAME  
Customer No. : 000028107

Certificate of Mailing Under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450 on August 25, 2008.

Ricardo Unikel  
(Name)

*Ricardo Unikel*  
(Signature)

**CERTIFICATE OF CORRECTION BRANCH**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CERTIFICATE OF  
CORRECTION UNDER 37 C.F.R. § 1.323**

Sir:

Applicants respectfully request that the Director issue a certificate of correction under 37 C.F.R. § 1.323 pursuant to 35 U.S.C. § 255 to correct a mistake in the above-identified patent, incurred due to an error in Applicants' filing.

02 FC:1811

100.00 OP

When the Issue Fee was paid to obtain issuance of U.S. Patent No. 7,384,241, the Assignee was identified as Toyo Radiator Co., Ltd. However, the records of the USPTO indicate that the Assignee is T.Rad Co., Ltd.

It is respectfully requested that U.S. Patent No. 7,384,241 be corrected as shown in the attached Certificate of Correction to list the correct Assignee.

The fee of \$100.00 as set forth under 37 CFR §1.20(a) for execution of this request is submitted by way of the charge authorization presented in the PTO Form 2038, Credit Card Payment form, provided herewith.

If there is any discrepancy between the fee(s) due and the fee payment authorized in the Credit Card Payment Form PTO-2038 or the Form PTO-2038 is missing or fee payment via the Form PTO-2038 cannot be processed, the USPTO is hereby authorized

Docket No. F-8636

Patent No.: 7,384,241

to charge any fee(s) or fee(s) deficiency or credit any excess payment to Deposit Account  
No. 10-1250.

Respectfully submitted,

Jordan and Hamburg LLP

By C. Bruce Hamburg  
C. Bruce Hamburg  
Reg. No. 22,389  
Attorney for Applicants

By and,

By Ricardo Unikel  
Ricardo Unikel  
Reg. No. 52,309  
Attorney for Applicants

Jordan and Hamburg LLP  
122 East 42nd Street  
New York, New York 10168  
(212) 986-2340



## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,384,241

APPLICATION NO.: 10/529,941

DATED : June 10, 2008

INVENTOR(S) : Kazuhiro WATANABE, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page.

Item (73), Assignee, remove "Toyo Radiator Co., Ltd., Tokyo (JP)" and replace with --T.RAD Co., Ltd., Tokyo (JP)--.

MAILING ADDRESS OF SENDER:

Jordan and Hamburg LLP  
122 East 42nd Street  
New York, NY 10168